AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A post filtering method for eliminating jagged effects before outputting graphic image in accordance with the characteristics of each of a pixel to determine if the pixel needs to undergo ~~perform~~ filtering comprising the following steps:

(a) judging if a ~~coordinate~~ Z-value of ~~the~~ a pixel~~'s~~ is equal to zero, if it is, then do not perform filtering to the pixel; and

(b) if the ~~coordinate~~ Z-value of the pixel is not equal to zero, then judging if the pixel is located at the intersection of a Z-plane, if it is, then performs filtering to the pixel.

2. (Currently Amended) The post filtering method for eliminating jagged effects of claim 1 further comprising the following steps:

(c) if the pixel is not located at the intersection of the Z-plane, then judging if the pixel is located at a constant-Z plane, if it is not, then do not perform filtering to the pixel; and

(d) if the pixel is located at the constant-Z plane, then judging if a color variation value of the pixel is greater than a threshold value, if it is, then performs filtering to the pixel.

3. (Previously Presented) The post filtering method for eliminating jagged effects of claim 1, wherein a device for performing filtering action is a digital filter.

4. (Currently Amended) A post filtering method for eliminating jagged effects before outputting graphic image in accordance with the characteristics of each of the pixels to determine if a pixel needs to undergo ~~perform~~ filtering comprising the following steps:

(a) judging if a ~~coordinate~~ Z-value of ~~the~~ a pixel is equal to zero, if it is, then do not perform filtering to the pixel;

(b) if the ~~coordinate~~ Z-value of the pixel is not equal to zero, then judging if the pixel is located at the intersection of a Z-plane, if it is, then performs filtering to the pixel;

(c) if the pixel is not located at the intersection of the Z-plane, then judging if the pixel is located at a constant-Z plane, if it is not, then do not perform filtering to the pixel; and

(d) if the pixel is located at the constant-Z plane, then judging if a color variation value of the pixel is greater than a threshold value, if it is, then performs filtering to the pixel.

5. (Original) The post filtering method for eliminating jagged effects of claim 4, wherein a device for performing filtering action is a digital filter.